

ABSTRACT

A system and method for managing a call processing system includes a signaling interface that receives and processes message parameters and call signaling and transmits and receives call signaling and message parameters to and from a call processor. A call processor processes call signaling to select connections for calls. An interworking unit interworks user communications between time division multiplex (TDM) connections and asynchronous transfer mode (ATM) connections. An ATM matrix connects user communications between ATM connections. A call process control system (CPCS) manages the call processing elements including the signaling interface, the call processor, the interworking unit, and the ATM matrix. The CPCS provides call management applications such as call trace, call tap, remote call control, accounting, configuration of the call processing elements, and interfacing between external devices and the call processing elements.

JMS/081700-0024/1176.doc/317031